Table of Contents

- Welcome to XXXX High School
- o Graduation/Admission Requirements for South Dakota
- o Articulation Agreements with XX Technical Institute
- Exploring Your Own Interesting Careers
- Following A Career Pathway
- o Agriculture and Natural Resources Career Pathway
- Arts and Communications
- o Business, Information Management, and Marketing
- Engineering and Industrial Technologies
- Health and Related Services
- Social and Human Services
- o Pathways to Technical Institute Programs in South Dakota

Welcome to XXXX High School

In addition to the courses listed in this registration handbook, our high school offers opportunities in numerous extra curricular activities such as sports, student government, and student organizations. We encourage students to consider participating in extra curricular activities to enrich their high school experience.

Students select their classes from the list of courses in this book in the spring of the year in order to allow a master schedule to be built. Choose carefully.

Introduction to Registration

The purpose of this registration book is to enable XXXX High School students (with the help of their parents, teachers, counselor and principal) to develop the course selection and sequence which best meets the students' needs. Students should select the program of study that correlates with their interests and abilities, and leads to the achievement of personal, educational and career goals. Students are encouraged to select courses that will stretch and challenge them, enabling them to explore all available opportunities

In the fall, all freshman students participate in the state-mandated career interest assessment - Career Aptitude Survey (CAS). This assessment measures students' work-related aptitudes and interests and helps them determine their potential for specific occupations. The CAS bridges the gap between aptitude scores and their significance in the work of work by tying aptitude levels to specific occupations. The interest scores are also tied to specific occupations. Students can then apply this information to the career pathway which corresponds with their chosen occupations.

Students are thus encouraged to take the suggested courses that are recommended for their chosen career pathway in order to prepare them for a future in their specific career field. As a general rule, required courses fall under each of the career pathways.

Graduation/Admission Requirements

The table on this page identifies the number of credits required in grades 9 – 12 by the XXXX Board of Education and the requirements established by the South Dakota Board of Regents for Admission to South Dakota Universities.

It is the student's responsibility to know if all requirements for graduation and college entrance are being met, in addition to registering for the courses required for each grade level. Your advisor, teachers, counselor or principal are very willing to help you decide if your registration supports your career plans and graduation requirements.

Graduation/Admission Requirements
Effective through July 1, 2004 through June 30, 2007

Hig	h School n Requireme		SD Board of Regents Admissions Requirements
Subject	XXXX School Board	State Board of Education	Top 60% of graduating class or ACT Composite Score of 18 or above or high school GPA of 2.6 on 4.0 scale and earn a "C" average or higher GPA in the following subjects
English	Х	4 credits: 1½ of Writing, ½ of Speech, 1 of literature including ½ of American Literature	4 years with emphasis on grammar, composition, and literature.
Social Studies	Х	3 credits: 1 of US History, ½ of US Government, and ½ of Geography	3 years of history, economics, sociology, geography, and government
Mathematics	Х	5 credits: mathematics and laboratory science with a minimum of 2 units in each	3 years, including one unit of Algebra I or higher, not to include arithmetic, general math, business or consumer math
Laboratory Science	Х	5 credits: mathematics and laboratory science with a minimum of 2 units of each	3 years of biology, chemistry, and physics with at least 1 laboratory period scheduled each week.
Computer Skills	Х	½ credit of laboratory computer studies	Demonstrated either through igh school course work or documented by some other means.
Fine Arts	Х	1 credit	One year of art, theater, music
PE	Х		
Technical Courses*			
Electives	X		
Total Credits	XX	20	wined access and this English

^{*}Credit for certain CTE courses may be sued to partly satisfy required course credit in English, mathematics, social science, and science, up to one credit.

South Dakota Board of Regents Schools: Black Hills State University, Dakota State University, Northern State University, SD School of Mines and Technology, South Dakota State University, and University of South Dakota

South Dakota Technical Institutes: Lake Area Technical Institute, Mitchell Technical Institute, Southeast Technical Institute, and Western Dakota Technical Institute

Articulation Agreements with XX Technical Institute

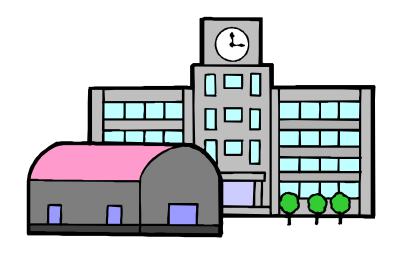
Articulation is a cooperative, planned effort between XXXX High School and XX Technical Institute that allows students to receive technical institute credit for skills mastered in high school. Articulation coordinates high school courses with technical institute programs so students can take courses in high school that may eliminate the need to take some introductory courses in their chosen degree or certificate area. Students who have completed an articulated course with a minimum of B average are eligible for articulated credit. There is Ittle or no charge for the articulated credit, which saves students both time and money when attending at a technical institute.

Courses articulated with a technical institute in South Dakota will be honored by any of the other three technical institutes for courses that have common numbers and titles. For more details about articulated credit, see the high school principal or counselor. Below is a chart listing the course work and the corresponding articulated course and credit.

Articulated Courses for 2002-2003

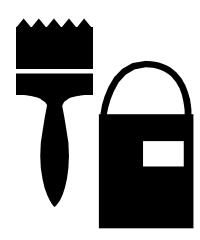
High School Course	XX Institute Course	Credit
Four Year English	ENG 010	2
Course Sequence		
Algebra I & II	Math 101	4

Note: Articulation
agreements with any
South Dakota
technical institute
will be honored by the
other technical institutes.



Exploring Your Own "Interesting" Careers

One way to explore careers that might be right for you is to match your preferences for work environments and outcomes to careers in which the same interests or preferences are important. The Career Aptitude Survey you took reported your scores for the six following Choices/O*Net Interests Themes. No one person can be described adequately by just one of these, so pick at least two of your highest interest areas when exploring careers.



Realistic: You are a "doer."

You usually prefer physical activities, games, and projects rather than socializing. You like to find concrete solutions to problems by trying out various possibilities. You often avoid situations that involve a lot of discussion with other people, and you usually want to go farther than working out a problem in theory—you want to see how your solutions work. Role Models: Thomas Edison, Florence Griffith Joyner, Marion Jones, Jacque Cousteau, Mark McGwire, Steve and Terry Irwin (the Crocodile Hunters).

Investigative: You are a "thinker."

You like to analyze situations and work with ideas to find creative solutions. You prefer to work on your own and usually don't like having to persuade other people to accept your ideas.

Role Models: Madame Curie, Albert Einstein, Sally Ride, George Washington Carver, Jane Goodall, Sigmund Freud.





Artistic: You are a "creator."

You enjoy art, music, and and/or literary activities. You usually show emotion more easily than other people, and you avoid rules and rigid situations.

Role Models: Mark Twain, Maya Angelou, Pablo Picasso, Ansel Adams, Halle Berry, Wolfgang Amadeus Mozart.

Social: You are a "helper."

You like being with and around other people, helping others, working in jobs that directly affect other people. You work and socialize well with other people and, when possible, you avoid doing physical work.

Role Models: Mother Theresa, Martin Luther King, Eleanor Roosevelt, Mahatma Gandhi, Madeline Albright, Abraham Lincoln.





Enterprising: You are a "persuader."

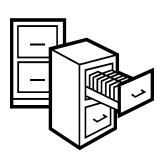
You like to sell products and ideas and manage other people. You enjoy having power, prestige, and high status. You have good language skills, and you like to use them to control and influence other people.

Role Models: Walt Disney, Oprah Winfrey, Bill Gates, Martha Stewart, Harry Truman, Elizabeth Dole.

Conventional: You are an "organizer."

You feel comfortable working with details in structured situations and like to keep things neat and organized. You like working with forms, charts, and reports. You are self-controlled and identify strongly with status, authority, and power.

Role Models: Sandra Day O'Connor, J.C. Penney, Erin Brockavich, John D. Rockefeller, Judge Judy, Alan Greenspan.



<u>Using Your High Interests in Career Exploration</u>

If your school has the Choices career exploration software program, you can sort that program's list of occupations by interest areas. Select at least your top two scores; and check all possible combinations (examples: RI or IR, SAI or AIS, ISA, etc.) The resulting list will be those careers which most closely match your personal interests. There are many sites on the Internet, which will also sort careers by interests.

Internet Sites

http://online.onetcenter.org

http://www.bis.gov/ocohome.htm

http://www.acinet.org/

Following a Career Pathway

Career exploration and decision making involves career awareness activities which take place in elementary, middle, and high school, such as career tests, classes on career development, and career research projects and lessons in traditional classes. Other activities focus on understanding the career testing, information and experiences. Career decision making begins when a student can focus on broad areas of related occupations, which can be called career pathways.

Selecting a career pathway gives the student an opportunity to follow suggested high school coursework in preparation for a career in that pathway. Selecting a career pathway is a good beginning toward a career goal; students need to keep in mind that much of the basic coursework for each pathway is the same. Therefore, as the career exploration process matures, students can switch easily to other career pathways.

Career Pathways of the XXXX School District

- Agriculture and Natural Resources
- Arts and Communications
- Business, Information Management, and Marketing
- Engineering and Industrial Technologies
- Health and Related Services
- Social and Human Services

Career Exploration and Decision Making

Career Exploration and Decision Making				
9 th & 10 th Grade	11 th and 12 th Grade			
Career Exploration Activities:	Career Exploration Activities:			

Agriculture and Natural Resources

Careers in Agriculture and Natural Resources represent growing employment opportunities in our global economy. Agricultural careers range from agri-science that involves the manufacturing and distribution of farm supplies and equipment to the managing of natural resources.

South Dakota's agricultural and natural surroundings directly and indirectly provide opportunities for careers in the environment. Environmental careers range from water conservation to refuse control and ozone preservation. Also, many scientific careers are included in this pathway, such as biology, zoology, physics, and chemistry.

Are you...

- Realistic? (A Doer) and/or
- **Investigative**? (A Thinker)
- Moderately interested in Conventional or Enterprising Activities?
- Mildly interested in **Artistic** or **Social** Activities?

Do you like to...

- Work with plants or animals?
- Work outdoors?
- Share concern for the environment?
- Be physically active?
- Work with your hands?
- Work with machines?
- Do scientific projects or experiments?

Choices/O*Net Interest Themes

Typical Technical Institute Programs and University Majors:

Agribusiness
Agricultural Production
Biology
Biological Lab Technician
Chemistry
Farm & Ranch Management
Fish & Wildlife Management
Geology

Geophysical Engineering Horticulture Science Physicist Soil Conservation Soil Science Turf Management Veterinary Assistant Zoology

Career Opportunities Agriculture and Natural Resources

(with Choices/O*Net Interest Code)

High School Diploma or GED	Interest Code	1 or 2 Years of Post-secondary Training/Education	Interest Code	Bachelor's Degree	Interest Code
Agricultural Grader/Sorter	RC	Animal Breeder	RI	Chemist	IRC
Agricultural Sprayer Agricultural Supervisor	RC ER	Biological/Agricultural Technician	RIC	Farm Manager	ERC
Animal Caretaker Bucker/Faller	RCS RC	Farmer Nursery Manager	REC ERC	Farm Products Purchasing Agent	ERC
Farm/Ranch Animals Farmworker	RSE	, G		Forester Geologist	RI IR
Farm Machine Operator Farmer, Self-employed Fisher	RIE REC RE			Meteorologist Soil Conservationist	IR IRC
Forestry Worker	RI				
Fish and Game Warden Gardener/Groundskeeper	RIS RA	Military—Enlisted		Graduate Degree	
General Farm worker Hunter/Trapper	RE RE	Diver	RES	Animal Scientist Astronomer	IR IRC
Inspector of Agricultural Products	RIC			Biochemist Biologist	IR IR
Logging Tractor Operator	RES			Botanist	IR
Pest Control Worker Tree Trimmer and Pruner	RC RI		Δ	Food Scientist Geneticist	IR IR
Tree Triminer and Pruner	KI	NAC IN	25	Geophysicist	IR IR
		77 A	4 5	Medical Scientist	IRS
		-34	> >>	Microbiologist	IR
				Physicist	IRC
				Plant Scientist Soil Scientist	IR IR
				Toxicologist	IR
				Zoologist	IR

Extra Curricular Activities

Athletics
Future Farmers of America (FFA)
Student Leadership/Government
Scouting
Volunteer/Work-related Experiences

These job titles are from Choices 2002, which describes 656 occupations out of the thousands listed in the U.S. Government's Dictionary of Occupational Titles. For further information on careers, go on line at http://online.onetcenter.org

Agriculture and Natural Resources Pathway Sample Registration

Six career pathways have been identified to help you select classes appropriate for your career interests. These pathways are based on similarities of interests and strengths required for success or on common traits of the work performed in the included occupations. The courses listed here are suggestions to help you better prepare for your chosen career area. Your school's courses may have different names, or your school may offer advanced or accelerated classes that aren't listed here. The courses listed are certainly not the only valuable classes your school may offer. Talk to your counselor or advisor about choosing the best courses for your specific career goal.

If a course is listed in the pathway but is not available in your school, talk to your school counselor, high school principal, or advisor to see if the course is available for both high school and postsecondary credit from a local university or technical institute. Other options include on line courses or distance education opportunities.

Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Math	Algebra	Algebra	Geometry Integrated Math	Mathematics
English	English	English	English Speech Technical Writing	English Speech Technical Writing
Science	Physical Science		Principles of Techno Chemistry, Advanced	
Social Sciences/ Humanities	As Required (Geog	As Required (Geography, History)		Government and Economics
Physical Education/Health	As Required			
The Arts	As Required			
Technical Specialties	Business Computer Keyboarding Agri-Science Techr Intro to Agriculture Agricultural Sales a Agribusiness Advanced Agricultur	Ecology Horticulture Aviation/Aerospace Science es and Service Cooperative Education Entrepreneurship		

Arts and Communications

Careers in this pathway require creative, imaginative, and innovative skills. In addition to arts and communications careers, this pathway includes what is referred to as the humanities: history, philosophy, literature, language, etc.

The arts field encompasses music, dance, drama, as well as art. Careers in art and design can take many forms. They include performing, architecture, interior design, commercial art, sculpture, painting, photography and writing.

Careers in the communications field continue to multiply as the type of communications increase and as more and more people make use of them. Communication technology demands an understanding of multimedia systems and their role in today's workforce.

Are you...

- **Artistic**? (A Creator)
- Enterprising? (A Persuader)
- Moderately interested in Realistic or Social activities?
- Mildly interested in Investigative or Conventional activities?

Choices/O*Net Themes



Do you like to...

- Write?
- Perform?
- Debate?
- Draw?
- Paint?
- Dance?
- Play a musical instrument?
- Design work with computers?

Typical Technical Institute Programs and University Majors:

Broadcast Technology

Cinematography and Production

Commercial Art

Communications/Speech/Debate

Education/Art, Drama, Music Fashion Design

Graphic Design Interior Design

Journalism

Languages Library Science

Music

Public Relations Radio/TV Production Sign Language Interpreter

Theater

Career Opportunities Arts and Communications

(with Choices/O*Net Interest Code)

<u>High School</u> <u>Diploma</u> <u>or GED</u>	Interest Code	1 or 2 Years of Post-secondary Training/Education	Interest Code	Bachelor's Degree	Interest Code
Actor Choreographer Custom Tailor Dancer Demonstrator and Promoter Engraver Floral Designer/Florist Model Motion Picture Projectionist Movie/TV Camera Operator Musician Producer/Director Professional Athlete	AES ASE RA ASR ESR RC ARE AES RC AR AS AE ERS	Broadcast Technician Fashion Designer Film Editor Jeweler Merchandise Displayer Newscaster Radio/TV Announcer Sign Language Interpreter Sound Engineering Technician Studio Technician	RA AE AE REC AS ASE ASI RA	Artist Audio-visual Specialist Commercial and Industrial Designer Commercial Art Director Communications Manager Editor Graphic Designer Interior Designer Interior Designer Interpreter/Translator Music Director Photographer Public Relations Specialist Reporter Set Designer Technical Writer Writer	AES CS ARE AE ECE ASE AE ASE AR AES AIE AR AI
				Graduate Degree Composer	AS

Extra Curricular Activities

Band – Cheerleading – Choir Dance – Debate Club – Drama Club Newspaper/Yearbook – Photography Club – Scouting

Competitive Speech – Student Leadership/Government

Volunteer/Work-related Experiences

These job titles are from Choices 2002, which describes 656 occupations out of the thousands listed in the U.S. Government's Dictionary of Occupational Titles. For further information on careers, go on line at http://online.onetcenter.org

Arts and Communications Pathway Sample Registration

Six career pathways have been identified to help you select classes appropriate for your career interests. These pathways are based on similarities of interests and strengths required for success or on common traits of the work performed in the included occupations. The courses listed here are suggestions to help you better prepare for your chosen career area. Your school's courses may have different names, or your school may offer advanced or accelerated classes that aren't listed here. The courses listed are certainly not the only valuable classes your school may offer. Talk to your counselor or advisor about choosing the best courses for your specific career goal.

If a course is listed in the pathway but is not available in your school, talk to your school counselor, high school principal, or advisor to see if the course is available for both high school and postsecondary credit from a local university or technical institute. Other options include on line courses or distance education opportunities.

Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Math	Integrated Math, Al	gebra, Geometry		
English	English	English	English Speech Technical Writing	English Speech Technical Writing
Science	As Required			
Social Sciences/ Humanities	Geography	History	Psychology	Sociology
Physical Education/Health	As Required			
The Arts	As Required			
Technical Specialties	Keyboarding Business Computer Commercial Art Graphic Arts Design Drafting Art Ceramics Housing/Home Furn Clothing Design Foods and Nutrition Occupational Famil Sciences Fashion Design & M Home/Interior Design	nishing y & Consumer Merchandising	Photography Television Production Band Chorus Dance Music Theory & Con Desktop Publishing Journalism Multi-Media Commun Foreign Languages Marketing Entrepreneurship Cooperative Educate	mposition unication

Business, Information Management, and Marketing

Careers in this pathway include jobs from entry-level sales clerks to administrative and management positions. Administrative managers work throughout private industry and government, and their range of duties is broad.

The field of marketing and distribution encompass all the steps that bring products and services to consumers. These steps include marketing research, creative design, advertising, packaging, distribution, sales, and merchandising.

Are you...

- Conventional? (an Organizer) and/or
- **Enterprising**? (a Persuader)
- Moderately interested in Realistic or Social activities?
- Mildly interested in Investigative or Artistic activities?

Choices/O*Net Interest Themes

Do you like to...

- · Work indoors?
- Convince people of your point of view?
- Work with numbers?
- Carry out detailed instructions?
- Work in a systematic fashion?
- Talk and work with other people?
- Think logically and make decisions?



Typical Technical Institute Programs and University Majors:

Accounting
Administrative Assistant
Business Administration/Management
Business Marketing & Marketing Management
Computer Sciences
Computer Maintenance Technology
Computer Networking
Computer Programming

Court Reporting
Fashion Marketing Management
Finance
Information Sciences and Systems
Labor Relations
Mathematics
Medical Administrative Services
Medical Transcription

Career Opportunities Business, Information Management, & Marketing

(with Choices/O*Net Interest Code)

High School Diploma or GED	Interest Code	1 or 2 Years of Post-secondary Training/Education	Interest Code	Bachelor's Degree	Interest Code
Bank Teller Bookkeeping & Accounting Clerk Business Services Sales Rep Cashier Computer Operator Court Clerk Data Entry Keyer Driver/Sales Worker	CE CE ECS CRE CR CE CR ERS	Administrative Assistant Brokerage Clerk Hotel/Motel Manager Legal Secretary Mathematical Technician Medical Record Technician Medical Secretary Real Estate Sales Agent Technical Sales Agent	CE CE ESC CE IRC CSI CE ESC ERS	Accountant Actuary Advertising Sales Manager Auditor Budget Analyst Computer Programmer Computer Support Specialist Credit Analyst Database Administrator	CE CI AE CE CE IRC ICR CE ICR
Emergency Vehicle Dispatcher File Clerk Floor Stock Clerk Food Services Hotel/Motel Clerk Insurance Processing Clerk	ERS CE RCE ECS CES CE	Travel Agent	ESC	Employment and Placement Specialist Farm & Home Management Advisor Financial Analyst Financial Manager	SEC SRE ICE ECS
Mail Clerk Meter Reader Municipal Clerk Order Filler Parts Salesperson Payroll Clerk Personnel Clerk	CR CR CE CER ERC CE CES		<u>D</u>	General Manager Management Analyst Marketing Manager Mathematician Postmaster Purchasing Manager Real Estate Appraiser	ECS ECI EC IC ECS EC ECS
Postal Service Clerk	CE			Sales Manager	EC
Radio Operator	RC			Transportation Manager	EC
Real Estate Clerk	CES			Underwriter	CE
Receptionist/Information Clerk Secretary	CES CES	MilitaryOfficer		Graduate Degree	
Shipping & Receiving Clerk Telephone Operator Telemarketer Title Searcher Word Processing Typist	CR CRS ECS CE CR	Intelligence Officer Missile System Officer	ESR EIR	College or University Administrator Instructional Coordinator Operations Research Analyst Principal Statistician	ESC SI ICR SE IC

Extra Curricular Activities

Athletics – Competitive Speech – Debate Club Foreign Language Club – Newspaper/Yearbook Student Leadership/Government – DECA - FBLA Volunteer/Work-related Experiences

These job titles are from Choices 2002, which describes 656 occupations out of the thousands listed in the U.S. Government's Dictionary of Occupational Titles. For further information on careers, go on line at http://online.onetcenter.org

The Business, Information Management, & Marketing Pathway Sample Registration

Six career pathways have been identified to help you select classes appropriate for your career interests. These pathways are based on similarities of interests and strengths required for success or on common traits of the work performed in the included occupations. The courses listed here are suggestions to help you better prepare for your chosen career area. Your school's courses may have different names, or your school may offer advanced or accelerated classes that aren't listed here. The courses listed are certainly not the only valuable classes your school may offer. Talk to your counselor or advisor about choosing the best courses for your specific career goal.

If a course is listed in the pathway but is not available in your school, talk to your school counselor, high school principal, or advisor to see if the course is available for both high school and postsecondary credit from a local university or technical institute. Other options include on line courses or distance education opportunities.

Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
			etry, Probability and S	
Math		tics or Applied Mathe ting Management Ca	matics for Administra	tive
English	English	English	English Technical Writing Language Arts	English Technical Writing Language Arts
Science	Biology	Science as required Integrated Biology,	d Chemistry, or Physics	5
Social Sciences/ Humanities	Geography	History	Psychology Sociology	Government Economics
Physical Education/Health	As Required			
The Arts	As Required			
Technical				
Specialties:				
Accounting Careers	Accounting Business Computer Keyboarding	Applications	Accounting Business Law Entrepreneurship Cooperative Educat	ion
Computer Information Careers	Computer Science Business Computer Accounting Administrative Office Accounting		Computer Science Cooperative Educat	ion
Administrative Support Careers	Desktop Publishing Administrative Office Business Computer	e Procedures	Cooperative Educat	ion
Marketing & Management Careers	Management Entre	n: Marketing, Retaili preneurship	ng, Merchandising,	

Engineering and Industrial Technologies

Engineering and Industrial Technologies careers apply math and science to the creation and building of structures, roads, products and equipment.

Careers in the Engineering field include positions that perform activities requiring knowledge of math, physics, or chemistry. Jobs in this group are found in industry and government.

Careers in Industrial Technology include positions that are vital to the efficient functioning of a society in the building, operation, maintenance, and repair of its structures, equipment, and machinery. People in these careers usually work with things.



Are you...

- Realistic? (a Doer) and/or
- Conventional? (an Organizer)
- Moderately interested in Investigative or Enterprising activities?
- Mildly interested in **Artistic** or **Social** activities?

Do you like to...

- Solve problems?
- Use facts?
- Tinker with objects?
- Figure out how things work?
- Work with your hands?
- Assemble or build things?
- Repair things?
- Work with machines?
- Study designs & drawings?
- Invent and research?
- Do math and science?

Choices/*O*Net Interest Themes

Typical Technical Institute Programs and University Majors:

Automotive Technology
Architecture
Aviation Maintenance Technology
Biomedical Engineering Technician
Cabinetmaking
Civil Engineering Technician
Collision Repair Technology
Computer Aided Drafting
Computer Maintenance Technician
Construction Trades
Diesel Technology

Electronics Technician

Engineering (Civil, Chemical, Electrical, Industrial, Mechanical, Mining, etc)
Environmental Science
Heating, Air Conditioning, and Refrigeration Technology
Industrial Automation
Laser and Optical Technology
Machine Tool Technology
Metallurgy
Propane and Natural Gas Technology
Satellite Communications
Telecommunications
Welding Technology

Career Opportunities Engineering and Industrial Technologies (with Choices/O*Net Interest Code)

Air Traffic Controller Ambulance Driver/Attendant Assembler and Fabricator Boiler Operator Bus Driver Carpenter Helper Electrician Helper Heating/AC Mechanic Locomotive Engineer Machine Assembler Machinist Oil Well Driller Plastere Plastere Production Supervisor Small Engine Specialist Telephone Technician Air Traffic Controller Ard Agricultural Engineering Technician RCI Adromobile Mechanic RC Automobile Mechanic RC Carponter RC Carbographer Technician Carpenter Helper RC Chemical Engineering Tech Civil Engineering Technician RC Computer Equipment RC Computer Equipment RC Repairer RC Repairer RC Repairer RC Repairer RC Electrician RI Electronic Engineer RC Electrician RI Geographer RC Electronic Engineering RI Environmental Scientist RI Geographer RC Industrial Engineer RC Industrial Enginee	High School		1 or 2 Years of		Bachelor's	
Air Traffic Controller Ambulance Driver/Attendant Assembler and Fabricator Bus Driver Carpenter Helper Heating/AC Mechanic Cocksmith Cocksmith Computer Equipment Cocksmith Coll Well Driller Pipelayer Plasterer RC Dill RC Computer RC Computer Equipment RC Computer Equipment Computer Equipment Computer Equipment RC Electroian Helper RC Electroian Helper RC Computer Equipment RC Electroian Helper RC Computer Equipment RC Repairer RC Recographer RC Recographer RC Recompeter RC RC RC Recompeter RC Recompeter RC Recompeter RC Recompeter RC Recompeter RC Recompeter	Diploma		Post-secondary		Degree	Interest
Ambulance Driver/Attendant Assembler and Fabricator Boiler Operator RC Bookbinder Brick & Stone Mason Helper Brick & Architect Aril Architect Aril Brick Bri	or GED	Code	Training/Education	Code		Code
Assembler and Fabricator Boiler Operator Boiler Operator Bookbinder Bookbinder Brick & Stone Mason Helper Bus Driver Bus						
Boiler Operator Bookbinder Borick & Stone Mason Helper Bus Driver Bus Driver Carpenter Helper RC Electrician Helper RC Heating/AC Mechanic Locksmith RC Machines Assembler Machinist Oil Well Driller RC Pipelayer Production Supervisor Small Engine Specialist Telephone Technician Ric RC RA Automobile Mechanic RC Auto Body Repairer RC Auto Body Repairer RC Biomed Equipment Repairer RC Cartographer Technician CR Chemical Engineer RC Chemical Engineering Tech RC Civil Engineer RC Computer Equipment Computer Equipment RC Computer Engineer RC Construction Manager RC Electricial RIC Computer Engineer RC Repairer RC Electricial Ric RC Electricial RI Electronic Engineering Tech RI Oil Well Driller RC Pipelayer RC	Ambulance Driver/Attendant		Technician	RCI		
Bookbinder Brick & Stone Mason Helper Brick Health & Safety Engineer Brick Health &	Assembler and Fabricator			_		
Brick & Stone Mason Helper Bus Driver Carpenter Helper Carpenter Helper Electrician Helper RC Heating/AC Mechanic Locksmith RC Locksmith RC Machine Assembler RC Oil Well Driller Plasterer Plasterer Plasterer RC Mechanical Engineering Technician RC	Boiler Operator		Automobile Mechanic		Aircraft Pilot	
Bus Driver Carpenter Helper RC Carpenter Helper RC Clivil Engineering Tech RC Clivil Engineering Tech RC Clivil Engineering Tech RC Clivil Engineering Tech RC Computer Equipment RC Computer Engineer RC Construction Manager RC Construction Manager RC Construction Manager RC Construction Manager RC Rc Electrical Engineer RC Rc Electrical Engineer RC Rc Electronic Engineering RI Environmental Scientist RR Geographer RR Relath & Safety Engineer RR Industrial Engineer RR RI Landscape Architect ARI Mining Engineer RI Machanical Engineer RI Nuclear Engineer RI Military-Enlisted Air Crew Member Aircraft Launch & Recovery Specialist RC Artillery Crew Member Ri Ric Radar & Sonar Equipment Repairer REC	Bookbinder		Auto Body Repairer	RC	Architect	ARI
Carpenter Helper	Brick & Stone Mason Helper	RC	Biomed Equipment Repairer	RI	Cartographer	CRI
Electrician Helper Heating/AC Mechanic Locksmith RC Computer Equipment RC Nachine Assembler RC Machinist RC Ripalayer Plasterer RC Printing Press Operator Production Supervisor Small Engine Specialist RC Small Engine Specialist RC Melder/Cutter RC Small Engine Specialist RC RC Repairer RC RC Repairer RC RC Repairer RC Repairer RC Repairer RC RC Repairer RC Repairer RC RC RC Repairer RC RC Repairer RC RC Repairer RC RC Repairer RC RC RC RC Repairer RC RC RC Repairer RC	Bus Driver	RSC	Cartographer Technician	CR	Chemical Engineer	IR
Electrician Helper RC Heating/AC Mechanic RC Computer Equipment RC Computer Equipment RC Construction Manager ERC Construction Manager ERC Construction Manager ERC Construction Manager ERC Electrical Engineer IR Electroical Engineer IR Electroical Engineer IR Electroican RI Environmental Scientist IR Geographer IR Environmental Scientist IR Geographer IR Environmental Scientist IR Geographer IR Health & Safety Engineer IE Industrial Engineer IE Industrial Engineer IR Environmental Scientist IR Geographer IR Health & Safety Engineer IR IR Health & Safety Engineer IR Industrial Engineer	Carpenter Helper	RC	Chemical Engineering Tech	IRC	Civil Engineer	RI
Heating/AC Mechanic RC Locksmith RC Locksmith RC Repairer RC Locksmith	Electrician Helper	RC		RIC	Computer Engineer	IRC
Locksmith RC Locomotive Engineer RC Diesel Engine Mechanic RC Machine Assembler RC Electrician RI Electronic Engineer IR Environmental Scientist IR Electronic Engineering Tech RI Geographer IR Laser Technician IRC Health & Safety Engineer IE Industrial Engineer EIR Health & Safety Engineer IE Industrial Engineer EIR Environmental Scientist IR Mechanical Engineering IR Health & Safety Engineer IR Industrial Eng		RC				ERC
Locomotive Engineer RC Machine Assembler RC Machine Assembler RC Machinist RIC Electrician RI Electronic Engineering Tech RI Electronic Engineering Tech RI Geographer IR Health & Safety Engineer IR Health & Safety En		RC		RCI		IR
Machine Assembler Machinist Oil Well Driller Pipelayer Plasterer Production Supervisor Small Engine Specialist Telephone Technician RIC Military-Enlisted Air Crew Member Aircraft Launch & Recovery Specialist Non-destructive Tester Rot	Locomotive Engineer	RC		RC		IR
Oil Well Driller Pipelayer Plasterer Printing Press Operator Production Supervisor Small Engine Specialist Telephone Technician Military-Enlisted Air Crew Member Aircraft Launch & Recovery Specialist Non-destructive Tester Recovery		RC		RI		IR
Oil Well Driller Pipelayer Plasterer Plasterer Printing Press Operator Production Supervisor Small Engine Specialist Telephone Technician RI Military-Enlisted Air Crew Member Aircraft Launch & Recovery Specialist Non-destructive Tester Roc Pipelayer RC Printing Press Operator RC Production Supervisor Small Engine Specialist RC Telephone Technician RI Mechanical Engineer RC Natural Sciences Manager RI Natural Sciences Manager RI Nuclear Engineer RI Military-Enlisted Air Crew Member Aircraft Launch & Recovery Specialist Non-destructive Tester Radar & Sonar Equipment Repairer RE Health & Safety Engineer Industrial	Machinist	RIC	Electronic Engineering Tech	RI	Geographer	IR
Pipelayer Plasterer Printing Press Operator Production Supervisor Small Engine Specialist Telephone Technician RI Military-Enlisted Air Crew Member Aircraft Launch & Recovery Specialist RC Artillery Crew Member Flight Operations Specialist RC Artillery Crew Member REC Artillery Crew Member REC Artillery Crew Member REC Nuclear Engineer RI Military-Enlisted Air Crew Member REC Artillery Crew Member REC Artillery Crew Member REC RC Artillery Crew Member REC RC Artillery Crew Member REC RC RC RC RC RC RAC RI RC RC RC RI RC RC RI RC RC RI REC Artillery Officer RC RC REC RC	Oil Well Driller					ΙE
Plasterer Printing Press Operator Production Supervisor Small Engine Specialist Telephone Technician RI Air Crew Member Air C	Pipelaver	RC				EIR
Printing Press Operator Production Supervisor Small Engine Specialist Telephone Technician RC Air Crew Member Aircraft Launch & Recovery Specialist Flight Operations Specialist Non-destructive Tester Radar & Sonar Equipment Repairer RC Mining Engineer Mechanical Engineer RC Mechanical Engineer RI Matural Sciences Manager IE Nuclear Engineer RI Artillery-Officer Artillery Officer Artillery Officer Artillery Officer REC REC Radar & Sonar Equipment Repairer REC	1			RI		
Production Supervisor Small Engine Specialist RC Telephone Technician Roward Formula						
Small Engine Specialist Telephone Technician RC Nuclear Engineer Petroleum Engineer RI Military-Enlisted Air Crew Member Aircraft Launch & Recovery Specialist RT Artillery Crew Member RI Flight Operations Specialist Non-destructive Tester Radar & Sonar Equipment Repairer RC Natural Sciences Manager Nuclear Engineer RI Nuclear Engineer RI Ratillery Officer Artillery Officer Artillery Officer Artillery Officer REC REC REC REC REC REC REC REC REC						
Telephone Technician RIC Welder/Cutter RC Nuclear Engineer Petroleum Engineer RI Military-Enlisted Air Crew Member Aircraft Launch & Recovery Specialist Artillery Crew Member REI Flight Operations Specialist RecI Radar & Sonar Equipment Repairer REC Nuclear Engineer Petroleum Engineer RI Artillery-Officer Artillery Officer Artillery Officer Artillery Officer Artillery Officer Artillery Officer REC						
Military-Enlisted Air Crew Member RIE Aircraft Launch & Recovery Specialist REC Artillery Crew Member REI Flight Operations Specialist CRE Non-destructive Tester RCI Radar & Sonar Equipment Repairer REC Military-Officer Artillery Officer EIR						
Air Crew Member RIE Aircraft Launch & Recovery Specialist REC Artillery Crew Member REI Flight Operations Specialist CRE Non-destructive Tester RCI Radar & Sonar Equipment Repairer REC		•				
Air Crew Member RIE Aircraft Launch & Recovery Specialist REC Artillery Crew Member REI Flight Operations Specialist CRE Non-destructive Tester RCI Radar & Sonar Equipment Repairer REC			Military-Enlisted		Military-Officer	
Aircraft Launch & Recovery Specialist REC Artillery Crew Member REI Flight Operations Specialist CRE Non-destructive Tester RCI Radar & Sonar Equipment Repairer REC				RIF		FIR
Specialist REC Artillery Crew Member REI Flight Operations Specialist CRE Non-destructive Tester RCI Radar & Sonar Equipment Repairer REC				7002	7 titulory officer	Liik
Artillery Crew Member REI Flight Operations Specialist CRE Non-destructive Tester RCI Radar & Sonar Equipment Repairer REC				REC		
Flight Operations Specialist CRE Non-destructive Tester RCI Radar & Sonar Equipment Repairer REC				-		
Non-destructive Tester RCI Radar & Sonar Equipment Repairer REC						
Radar & Sonar Equipment Repairer REC				-		
Repairer REC				1101		
				RFC		
Radar & Sonar Operator RES						



Athletics – Future Farmers of America (FFA) Skills USA/VICA - Pre-apprenticeship Programs Distributive Education Clubs of America (DECA) Student Leadership/Government Volunteer/Work-related Experiences

These job titles are from Choices 2002, which describes 656 occupations out of the thousands listed in the U.S. Government's Dictionary of Occupational Titles. For further information on careers, go on line at http://online.onetcenter.org

Engineering and Industrial Technologies Pathway Sample Registration

Six career pathways have been identified to help you select classes appropriate for your career interests. These pathways are based on similarities of interests and strengths required for success or on common traits of the work performed in the included occupations. The courses listed here are suggestions to help you better prepare for your chosen career area. Your school's courses may have different names, or your school may offer advanced or accelerated classes that aren't listed here. The courses listed are certainly not the only valuable classes your school may offer. Talk to your counselor or advisor about choosing the best courses for your specific career goal.

If a course is listed in the pathway but is not available in your school, talk to your school counselor, high school principal, or advisor to see if the course is available for both high school and postsecondary credit from a local university or technical institute. Other options include on line courses or distance education opportunities.

Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Math	Algebra	Geometry or Integrated Math	Algebra	Probability & Statistics
English	English	English	English Speech Technical Writing	English Speech Technical Writing
Science	Principles of Technology Physical Science	Biology Integrated Biology/Chemistry	Science Elective	Science Elective
Social Sciences/ Humanities	As Required			
Physical Education/Health	As Required			
The Arts	As Required			
Technical Specialties	See specific technology program curriculum. Examples: Carpenter, Plumber, Auto Mechanic, Drafter, Electronics Technician			
	Recommended: E	ntrepreneurship, Coo	perative Education	

Health and Related Services

The Health and Related Services pathway is one of the largest and most varied career areas.

The health field continues to be one of the most rapidly expanding industries. Advances in health care technology have created a need for people to communicate with and educate the public.

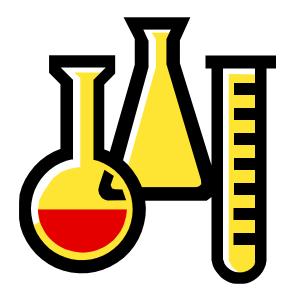
Are you...

- Strongly interested in a combination of Realistic, Artistic, Investigative, and/or Social activities?
- Mildly interested in Conventional or Enterprising activities?

Do you like to...

- Work with high-tech equipment?
- Provide services to people of all ages and backgrounds?
- Learn new things or acquire information?
- Learn about math and science?
- Conduct research?
- Solve problems?

Choices/O*Net Interest Themes



Typical Technical Institute Programs and University Majors:

Anesthesiology

Cardiovascular Technician

Chiropractics

Dental Assisting/Hygiene

Dental Science

Disability/Human Services Technician

Forensic Technician Medical Assistant Medical Lab Technician

Medicine (numerous specialties) Nuclear Medical Technician

Nurse Practitioner

Occupational Therapy Technician

Pharmacy Technician

Pharmacy Science

Phlebotomy/Patient Care Technician

Physical Therapy Physician's Assistant **Practical Nursing**

Psychiatry Radiology

Registered Nursing Respiratory Therapy Speech Pathology Sports Medicine

Surgical Technician Veterinary Science

Career Opportunities Health and Related Services

(with Choices/O*Net Interest Code)

High School Diploma or GED	Interest Code	1 or 2 Years of Post-secondary Education/Training	Interest Code	Bachelor's Degree	Interest Code
Dental Assistant Dental Laboratory Technician Dialysis Technician Dispensing Optician EKG Technician EEG Technician/Technologist Home Health Aide Nurse Aide/Orderly Optician/Ophthalmic Lab Tech Personal and Home Care Aide	SR RIC SRI ECR IR IRS SR SR SR RC SR	Cardiology Technologist Dental Hygienist Dental Laboratory Technician Dietetic Technician Embalmer Emergency Med Technician Licensed Practical Nurse Medical Assistant Medical/Clinical Lab Technician	IRS SC RIC SRI RC SRI RC RIC	Athletic Trainer Occupational Therapist Physical Therapist Physician Assistant Recreational Therapist	SR SR SRI IS SAR
Pharmacy Technician Psychiatric Aide	CR SR	Medical/Clinical Lab Technologist	IR	Graduate Degree	
		Medical Appliance Technician	RI	Anesthesiologist	IR
		Nuclear Medicine Technologist	IR	Audiologist/Speech Pathologist	SI
		Occupational Therapy		Chiropractor	IRS
		Assistant	SR	Dentist	IRS
		Orthotist and Prosthetist	SIR	Optometrist	IR
		Pharmacy Technician	CI	Oral Surgeon	RIS
		Physical Therapy Assistant	SR	Orthodontist	IRS
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Radiation Technologist	RIS	Osteopath	IS
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Registered Nurse	SI	Pharmacist	ICR
		Respiratory Therapist	IRS	Physical Therapist	SRI
I III		Surgical Technician	RSC	Podiatrist	SI
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Veterinary Technician	RIS	Psychiatrist	IAS
\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				Surgeon	IR
				Veterinarian	IR

Extra Curricular Activities

Band – Cheerleading – Choir Dance – Debate Club – Drama Club Skills USA/VICA

Newspaper/Yearbook – Photography Club – Scouting Competitive Speech – Student Leadership/Government Volunteer/Work-related Experiences

These job titles are from Choices 2002, which describes 656 occupations out of the thousands listed in the U.S. Government's Dictionary of Occupational Titles. For further information on careers, go on line at http://online.onetcenter.org

Health and Related Services Pathway Sample Registration

Six career pathways have been identified to help you select classes appropriate for your career interests. These pathways are based on similarities of interests and strengths required for success or on common traits of the work performed in the included occupations. The courses listed here are suggestions to help you better prepare for your chosen career area. Your school's courses may have different names, or your school may offer advanced or accelerated classes that aren't listed here. The courses listed are certainly not the only valuable classes your school may offer. Talk to your counselor or advisor about choosing the best courses for your specific career goal.

If a course is listed in the pathway but is not available in your school, talk to your school counselor, high school principal, or advisor to see if the course is available for both high school and postsecondary credit from a local university or technical institute. Other options include on line courses or distance education opportunities.

Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Math	Algebra	Geometry or Integrated Math	Algebra	Probability & Statistics
English	English	English	English Technical Writing	English Technical Writing
Science	Physical Science	Biology or Chemistry	Chemistry or Integrated Biology/Chemistry	Anatomy or Advanced Biology or Physics
Social Sciences/ Humanities	As Required		Psychology or Sociology	Government and Economics
Physical Education/Health	As Required			
The Arts	As Required			
Technical Specialties	See specific technology program curriculum. Example: Health Sciences			
	Recommended: Keyboarding, Business Computer Applications			

Social and Human Services

The Social and Human Services pathway includes a variety of services to individuals, groups, and communities. Societies and communities evolve quickly. As they become more complex, the need for services increases. Careers in this pathway are in high demand.



Are you...

- Social? (a Helper) and/or
- Enterprising? (a Persuader) and/or
- **Realistic**? (a Doer)
- Moderately interested in Conventional, Artistic, or Investigative activities?

Do you like to...

- Provide services to other people?
- Teach or train people?
- Work with a variety of people?
- Apply knowledge to real-life situations?
- Guide, counsel, or administer?

Choices/O*Net Interest Themes

Typical Technical Institute Programs and University Majors:

Child Development
Cosmetology
Counseling
Culinary Arts
Dietetic/Nutrition Studies
Education (all fields)
Firefighting
Law Enforcement
Legal Studies

Library Science
Mortuary Science
Paralegal/Legal Assistant
Psychology
Public Administration
Social Work
Vocational/Technical Education

Career Opportunities Social and Human Services Pathway

(with Choices/O*Net Interest Code)

High School Diploma or GED	Interest Code
Animal Control Worker Bread and Pastry Maker Child Care Aide/Worker Correctional Officer Counter Clerk Customer Service Rep Fire Fighter Fire Fighter Supervisor Fire Inspector Flight Attendant	SR RAE SA RS CER CES RS RES CRS
Food Counter Worker	SAE
Food Preparation Worker Guard Host/Hostess Institution or Cafeteria Cook Institutional Housekeeper Janitor Kitchen Helper/Dishwasher Library Assistant Library Technician Manicurist Meat, Poultry & Fish Cutter Police Detective Police Patrol Officer Police Supervisor Private Housekeeper Private Investigator Recreation Worker Refuse Collector Restaurant Attendant Restaurant Cook Safety Inspector Service Station Attendant Sheriff/Deputy Sheriff Short Order Cook Social Service Technician Sports Instructor Tax Preparer Teacher Aide Tour Guide Transportation Inspector Travel Guide Umpire/Referee Waiter/Waitress	RC SEC ESR RCS ECR RCS RCS RCS RCS RCS RCS RCS RCS RCS R

1 or 2 Years of Post-secondary Training/Education	Interest Code
Barber	RSE
Chef	ER
Funeral Director/Mortician	ESC
Hairdresser/Cosmetologist	ESA
Legal Tech/Paralegal	EC
Vocational Education Teacher	SR



Bachelor's Degree	Interest Code
Adult Education Teacher	SA
Dietitian/Nutritionist	IES
Elementary School Teacher	SAI
Employment Interviewer	SEC
Financial Counselor	SEC
Financial Examiner	EC
Kindergarten Teacher	SA
Parole & Probation Officer	SC
Preschool Teacher	SA
Public Health Educator	SEI
Religious Activities Director	SEA
Residential Counselor	SC
Secondary School Teacher	SAI
Special Education Teacher	SA

V	•		
Military-Enlisted		Graduate Degree	
Emergency Management Specialist Infantryman Special Operations Forces Team Member Tank Crew Member	ERS SER RES REI	Anthropologist Archeologist Archivist Clergy Clinical Psychologist College/University Instructor	ISA IR IC SAE IAS ISA
Military-Officer		Curator Historian Industrial-Organizational Psychologist	AI IA IEA
Emergency Management Officer	REI	Lawyer Librarian	EC AC
Infantry Officer Special Operations Officer	ERS RES	Medical-Psychiatric Social Worker	RC
Tank Officer	RES	Political Scientist School/Vocational/ Career Counselor	IA SA SA
		Sociologist Urban & Regional Planner Vocational Rehabilitation	IAS IE
		Counselor	SA

Extra Curricular Activities

Athletics – Debate/Speech Club – Foreign Language Club – DECA Future Educators of America – Police Cadet Corp Student Leadership/Government – Volunteer/Work-related Experiences

These job titles are from Choices 2002, which describes 656 occupations out of the thousands listed in the U.S. Government's Dictionary of Occupational Titles. For further information on careers, go on line at http://online.onetcenter.org

Social and Human Services Pathway Sample Registration

Six career pathways have been identified to help you select classes appropriate for your career interests. These pathways are based on similarities of interests and strengths required for success or on common traits of the work performed in the included occupations. The courses listed here are suggestions to help you better prepare for your chosen career area. Your school's courses may have different names, or your school may offer advanced or accelerated classes that aren't listed here. The courses listed are certainly not the only valuable classes your school may offer. Talk to your counselor or advisor about choosing the best courses for your specific career goal.

If a course is listed in the pathway but is not available in your school, talk to your school counselor, high school principal, or advisor to see if the course is available for both high school and postsecondary credit from a local university or technical institute. Other options include on line courses or distance education opportunities.

Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Math	As Required			
English	English	English	English Technical Writing	English Technical Writing
Science	Physical Science	Biology or Chemistry	Chemistry or Integrated Biology/Chemistry	Anatomy or Integrated Biology or Physics
Social Sciences/ Humanities	Geography	History	Psychology or Sociology	Government and Economics
Physical Education/Health	As Required			
The Arts	As Required			
Technical Specialties	Keyboarding Business Computer Applications Recommended Electives:			

PATHWAYS TO TECHNICAL INSTITUTE PROGRAMS IN SOUTH DAKOTA

The following program information is drawn from current online catalogs for each institute.

Lake Area Technical Institute, Watertown

www.lati.tec.sd.us

Mitchell Technical Institute, Mitchell

www.mitchelltech.com

Southeast Technical Institute, Sioux Falls

www.southeasttech.com

Western Dakota Technical Institute, Rapid City

www.WesternDakotaTech.org

Agriculture and Natural Resources Pathway

Lake Area Technical Institute

- Agri-Business
- Agri-Production
- Dairy Option
- Farm Business Management

Southeast Technical Institute

- Horticulture Technology
- Turf Management Technology

Mitchell Technical Institute

- Agricultural Chemical Technology
- Agricultural Technology



Western Dakota Technical Institute

- Agriculture Resources
 - Ranch Management
 - Natural Resources

Arts and Communications Pathway

Southeast Technical Institute

• Graphic Communications



Business, Information Management, and Marketing Pathway

Lake Area Technical Institute

- Financial Services
 - Business Accounting
 - Consumer Financial Services
 - Agri-Financial Services
 - Computer Information Systems
 - Marketing/Management/Sales

Southeast Technical Institute

- Accounting
- Accounting Clerk
- Business Administration
- Computer Information Systems
 - Computer Programming
 - Software Support Specialist
 - Internet Application Developer
 - Network Administrator
 - System Administrator
- Financial Services
- Health Unit Coordinator/Patient Care Technician
- Marketing
- Medical Transcription/Coding

Mitchell Technical Institute

- Accounting/Computers
- Computer Software Support
- Medical Secretary/Transcriptionist
- Computer Systems Technician



Western Dakota Technical Institute

- Accounting
- Administrative Services
- Business Management and Marketing
- Computer Networking Specialist
- Medical Transcriptionist
- Medical Administrative Services

Engineering and Industrial Technologies Pathway

Lake Area Technical Institute

- **Automotive Technology**
- Aviation Maintenance Technology
- **Building Trades Technology**
- Diesel Technology
- Electronic Systems Technology
- Engineering/Architectural Drafting
- **Industrial Automation**
- Machine Tool Technology
- Welding Technology

Southeast Technical Institute

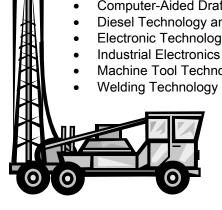
- Architectural/Construction Engineering Technology
- **Automotive Technology**
- Biomedical Equipment Technology
- Civil Engineering Technology
- Collision Repair and Refinish Technology
- **Computer Information Systems**
 - Computer Network Technician
 - Computer Technician
- Diesel Technology
- Electromechanical Technology
- **Electronics Technology**
- Heating/Ventilation/Air Conditioning and Refrigeration
- Residential Heating and Air Conditioning
- Laser/Electro-Optics Technology
- Machine Tool Technology
- Manufacturing/CAD Technology

Mitchell Technical Institute

- Architectural Design and Building Construction
- **Electrical Construction and** Maintenance
- Heating and Cooling Technology
- Power Line Construction and Maintenance
- Propane/Natural Gas Technologies
- Satellite Communications
- Supervisory Control and Data Acquisition (SCADA)

Western Dakota Technical Institute

- **Automotive Technology**
- Cabinetmaking
- Carpentry
- Collision Repair Technology
- Computer-Aided Drafting: Architectural
- Computer-Aided Drafting: Mechanical
- Diesel Technology and Mechanics
- Electronic Technology
- Machine Tool Technology



Health and Related Services Pathway

Lake Area Technical Institute

- **Dental Assisting**
- Medical Assisting
- **Medical Transcription**
- Medical Lab Technology
- Occupational Therapy Assistant
- Physical Therapist Assistant
- 1+1 Nursing

Southeast Technical Institute

- Cardiovascular Technology
 - Cardiac Ultrasound
 - Invasive Cardiovascular
 - Vascular Ultrasound
- **Licensed Practical Nursing**
- **Nuclear Medicine**
- Phlebotomy/Patient Care Technician
- Surgical Technology

Mitchell Technical Institute

- Medical Assistant
- Medical Laboratory Technology
- Radiologic Technology



Western Dakota Technical Institute

- Disability/Human Services Technician
- Pharmacy Technician
- Phlebotomy/Patient Care Technician
- **Practical Nursing**
- Surgical Technology



Social and Human Services Pathway

Lake Area Technical Institute

Cosmetology

Southeast Technical Institute

• American Sign Language/English Interpreter

Mitchell Technical Institute

Culinary Academy of South Dakota

Western Dakota Technical Institute

- Law Enforcement Technology
- Paralegal/Legal Assistant

